

Sonika Finch

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Objective

Internationally experienced software engineer with 3+ years of developing high-quality object-oriented code in multiple languages. Excellent communication and collaborative skills proven by leading an interdisciplinary team of 7 Georgia Tech students in a 4-month, full-stack, scrum environment project. A driven, quick learner that enjoys complex challenges and staying constantly curious. Seeking full-time employment starting in the of Summer 2018 where I can use my leadership and software experience to create innovative and useful products that will have a positive global impact.

Education

GEORGIA INSTITUTE OF TECHNOLOGY | COLLEGE OF COMPUTING | ATLANTA, GA

- Major: Bachelor of Science in Computer Science, **Overall GPA: 3.34 | Major GPA: 3.59** August 2014 - May 2018 (Expected)
 - Threads: People & Information Internetworks
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Experience

PROTIVITI – ATLANTA, GA

Intern, Data & Analytics- Business Intelligence Solution

June 2017 – Present

- Worked as a consultant to redesign a large company's business intelligence reporting system
- Extracted, transformed and loaded the significant ERP database to the cloud with Amazon Web Services and SAP HANA
- Developed informative and flexible reporting dashboards for executive use

CONCUSSION CONNECT – ATLANTA, GA

Data Team Member

January 2017 – Present

- Collaborated with biomedical engineers at Georgia Tech to research concussions in college and professional football
- Created a database for years of hit testing performed by Georgia Tech researchers
- Designed the system to be flexible and useful for researchers' manipulation

VENTURE CORPORATION LIMITED – SINGAPORE

Firmware Engineering Intern, Research & Development Department

June 2015 – July 2015

- Worked on an interdisciplinary team to brainstorm and design a functional temperature control chamber
 - Took the lead on creating an intuitive and informative user interface with Android Studio for the device
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Projects

H.E.R.O FOR CHILDREN – ATLANTA, GA

Team Lead, Epic Intentions

July 2017 – May 2017

- Managed an interdisciplinary team of 7 Georgia Tech students in a scrum environment project
- Create a desktop application with a MySQL database for the charity H.E.R.O. For Children's internal record keeping system. Spent an average of 7 hours a week on the project
- The searchable database will assist H.E.R.O. in applying for grants and managing their programs

ALLIANCE SURVIVOR RESOURCES – ATLANTA, GA

Team Member, Epic Intentions

August 2016 – December 2016

- Worked with a team of Georgia Tech students to create a web app with a MySQL database for the charity Alliance Survivor Resources. Spent an average of 5 hours a week on the project
 - The project will connect the several different organizations within Alliance so they are able to and share knowledge efficiently
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Technical Skills

PROGRAMMING LANGUAGES

Python, Java, C, SQL, HTML, CSS, JavaScript, PHP, JSON, XML, and MATLAB

SOFTWARE & FRAMEWORKS

Git, Android Studio, jQuery, AngularJS, JavaFX, Bootstrap, Tkinter, Microsoft Access, SAP BusinessObjects Design Studio, SAP HANA Studio, SAP Data Services Designer, and SAP BusinessObjects Web Intelligence